



Carbon Steel Body Membrane Separation Nitrogen Generator with 10-15 Years Membrane Life and Noise Level Below 65 DB

Our Product Introduction

Basic Information

- Brand Name: Membrane Generation
- Certification: ISO0001
- Model Number: 001
- Minimum Order Quantity: 1
- Price: \$100000
- Packaging Details: In Carton
- Delivery Time: The Complete Set Of Equipment Will Be Provided Within 45 Days After Receiving The Advance Payment.
- Payment Terms: 40% Of The Contract Amount Is Prepaid; 60% Of The Contract Amount Is Paid After The Goods Are Inspected And Approved Before Shipment. 5.4Equipment Unloading And Positioning



Product Specification

- Installation: Skid-mounted
- Membrane Life: 10-15 Years
- Material: Carbon Steel
- Nitrogenpurity: 95-99.999%
- Shell: CS
- Working Pressure: 0.6-0.8 MPa
- Flowrate: 1-1000 Nm³/h
- Condition: New
- Highlight: **Carbon Steel Body Nitrogen Generator, Noise Level Below 65 DB Membrane Nitrogen Generator**
10-15 Years Membrane Life Membrane Separation Nitrogen Generator

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Product Description

Membrane Separation Nitrogen Generator

Advanced hollow fiber membrane technology for efficient on-site nitrogen production with carbon steel construction and low noise operation below 65 dB.

Product Overview

This membrane separation nitrogen generator utilizes specialized hollow fiber membranes to separate nitrogen molecules from compressed air, providing a reliable and cost-effective solution for continuous nitrogen supply. The system offers excellent operational efficiency with minimal maintenance requirements.

Compact Design

Customizable dimensions typically around 1.2m × 0.8m × 1.5m for flexible integration into existing facilities.

Robust Construction

Carbon steel body ensures durability and corrosion resistance for long-term industrial use.

Quiet Operation

Noise levels below 65 dB create a comfortable working environment in noise-sensitive areas.

Long Membrane Life

Hollow fiber membranes last 10-15 years, reducing maintenance costs and system downtime.

Technical Specifications

Parameter	Specification
Nitrogen Purity	95-99.999%
Working Pressure	0.6-0.8 MPa
Electrical Resistivity	>1M Ω /cm
Pipeline Material	Stainless Steel
Body Material	Carbon Steel
Membrane Life	10-15 Years
Installation	Skid-mounted
Warranty	One Year

Industrial Applications

Ideal for industries requiring reliable nitrogen supply with moderate purity levels:

- Food packaging and preservation
- Electronics manufacturing
- Chemical processing and inerting
- Pharmaceutical manufacturing
- Oil and gas operations
- Metal fabrication and heat treatment
- Beverage bottling and tire manufacturing

Customization & Ordering

Model 001 Specifications

Brand: Membrane Generation | Origin: Suzhou, China | Certification: ISO0001

Minimum Order: 1 unit | Price: \$100,000

Delivery: 45 days after advance payment | Payment: 40% prepaid, 60% after inspection

Packaging: Secure carton packaging with equipment unloading and positioning included

Technical Support & Services

Comprehensive support package ensures optimal system performance and longevity:

- Expert installation guidance and system calibration
- Scheduled maintenance services and membrane inspection
- Genuine spare parts supply and system upgrades
- Comprehensive staff training and detailed documentation
- Troubleshooting assistance and technical consultation



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